IAP7 Rec'd PCT/PTO 16 JUN 2006

PTO-1390 (Rev. 07-2005)
Approved for use through 03/31/2007. OMB 0651-0021
U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

ATTORNEY'S DOCKET NUMBER 58086-232451

| CONCERNING A SUBMISSIO | N UNDER 35 U.S.C. 371 | U.S. APPAICATION NO Later wing see of CFR 1. |
|--|--|--|
| INTERNATIONAL APPLICATION NO. | INTERNATIONAL FILING DATE | PRIORITY DATE CLAIMED |
| PCT/US2004/042221 TITLE OF INVENTION | 16 December 2004 | 19 December 2003 |
| METHODS AND MATERIALS FOR ASS | ESSING PROSTATE CANCER T | HERAPIES |
| APPLICANT(S) FOR DO/EO/US Charles L. SAWYERS, Charlie D. CHEN | l and Derek WELSBIE | |
| Applicant herewith submits to the United State | es Designated/Elected Office (DO/EO/ | US) the following items and other information: |
| 1. x This is a FIRST submission of items | s conceming a submission under 35 U. | S.C. 371. |
| 2. This is a SECOND or SUBSEQUEN | NT submission of items concerning a si | ubmission under 35 U.S.C. 371. |
| 3. X This is an express request to begin include items (5), (6), (9) and (21) ir | national examination procedures (35 L ndicated below. | J.S.C. 371(f)). The submission must |
| 4. The US has been elected (Article 3 | 1). | |
| 5. X A copy of the International Applicati | on as filed (35 U.S.C. 371 (c)(2)) | |
| a. X is attached hereto (required on | ly if not communicated by the Internation | onal Bureau). |
| b. has been communicated by the | International Bureau. | |
| c. is not required, as the applicati | on was filed in the United States Recei | iving Office (RO/US). |
| 6. An English language translation of t | the International Application as filed (35 | 5 U.S.C. 371(c)(2)). |
| a. is attached hereto. | | |
| b has been previously submitted | under 35 U.S.C. 154(d)(4). | * |
| 7. X Amendments to the claims of the In | ternational Application under PCT Artic | cle 19 (35 U.S.C. 371(c)(3)) |
| a are attached hereto (required o | only if not communicated by the Interna | itional Bureau). |
| b. have been communicated by the | ne International Bureau. | |
| c. have not been made; however, | , the time limit for making such amendr | ments has NOT expired. |
| d. X have not been made and will n | ot be made. | |
| 8. An English language translation of t | the amendments to the claims under Po | CT Article 19 (35 U.S.C. 371(c)(3)). |
| 9 An oath or declaration of the invento | or(s) (35 U.S.C. 371(c)(4)). | |
| An English language translation of t Article 36 (35 U.S.C. 371(c)(5)). | the annexes of the International Prelimi | inary Examination Report under PCT |
| Items 11 to 20 below concern docum | ent(s) or information included: | |
| 11. x An Information Disclosure Statem | nent under 37 CFR 1.97 and 1.98 wit | h Form PTO/SB/08A. |
| 12. An assignment document for record | ding. A separate cover sheet in complia | ance with 37 CFR 3.28 and 3.31 is included. |
| 13. x First preliminary amendment. | | |
| 14. x An Application Data Sheet under 3 | 37 CFR 1.76. | |
| 15. A substitute specification. | | |
| 16. A power of attorney and/or change | of address letter. | |
| 17. A computer-readable form of the s | equence listing in accordance with PO | CT Rule 13ter.2 and 37 CFR 1.821 – 1.825. |
| 18. A second copy of the published Int | ternational Application under 35 U.S.C | C. 154(d)(4). |
| 19. A second copy of the English lange | uage translation of the international ap | pplication under 35 U.S.C. 154(d)(4). |
| | | |
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14P18 Rec'd PCT/PTO 16 JUN 2006

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U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| U.S. APPLICATIO | N No (if prove sa | 280 | INTERNATIONAL APPLICATION NO. PCT/US2004/042221 | | | | | ATTORNEY'S DOCKET NUMBER 58086-232451 | | | |
|--|---------------------|---|--|----------------|-----------------|--------------------------|----------|---------------------------------------|-------------|--|--|
| 20. x Other | items or inform | Interna Form f Form f Form f Face f | Receipt Postcard Itional Search Report PCT/IB/308 (First Not PCT/IB/306 PCT/IB/304 Page WO 2005/06066 ssion of Formal Draw | tice) 61 A3 | nsmittal with 2 | sheets (| of drawi | ngs, I | Figs 1-2 | | |
| The fol | lowing fees ha | ve been submitte | ed | _ | | CALCULATIONS PTO USEONLY | | | PTO USEONLY | | |
| 21. x Basi | c national fee | (37 CFR 1.492(a |)) | | \$300 | \$ | 300.0 | 00 | | | |
| 22. x Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)\$0 All other situations \$200 | | | | | | \$ | 200.0 | 00 | | | |
| 23. X Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB \$400 All other situations \$500 | | | | | | \$ 400.00 | | | | | |
| | TOTAL OF 21, | 22 and 23 = | · | | | \$ | 900.0 | 00 | | | |
| Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. Total Sheets Extra Sheets Number of each additional 50 or fraction RATE | | | | | | | | | | | |
| - 100 = | /50 : | thereof (round | thereof (round up to a whole number) | | | | | | | | |
| Surcharge of \$1 | 30 for furnishing a | any of the search fee | e, examination fee, or the | | | \$ | | | | | |
| | | | (37 CFR 1.492(h)). | , | * | <u> </u> | | | | | |
| CLAIM | S NU | JMBER FILED | BER FILED NUMBER EXTRA RATE | | | | | | | | |
| Total clai | ms | 19 - 20 = | | | | 0.00 | | | | | |
| Independent | | 7 - 3 = | 4 | x | 200.00 | | 800.0 | 00 | | | |
| MULTIPLE DEP | ENDENT CLAIM | (S) (if applicable) | | + | | | | _ | | | |
| | | | TOTAL OF A | ABOVE CA | LCULATIONS = | \$ | 1,700.0 | 00 | | | |
| X Applicar | t claims small en | tity status. See 37 (| CFR 1.27. Fees above a | re reduced | by ½. | | | | | | |
| SUBTOTAL = | | | | | SUBTOTAL = | \$ | 850.0 | 00 | | | |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)). | | | | | \$ | | | | | | |
| TOTAL NATIONAL FEE = | | | | | \$ | | | 850.00 | | | |
| | | signment (37 CFR 1 CFR 3.28, 3.31). \$4 | .21(h)). The assignmen | nt must be a | ccompanied + | \$ | | | - | | |
| , ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | | | | | \$ | | | <u> </u> | | |
| TOTAL FEES ENCLOSED = | | | | | \$ | | | 850.00 | | | |
| | | | | | | Amoun charge | | \$ | 850.00 | | |
| | | | | | | Amoun | | \$ | 850.00 | | |

10/583280 AP3 Rec'd PCT/PTO 160

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U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. to cover the above fees is enclosed. A check in the amount of \$ Please charge my Deposit Account No. 22-0261 in the amount of \$ 850.00 to cover the above fees. A Fee Transmittal is enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit 22-0261 . A Fee Transmittal is enclosed. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038 NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed an granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO: Keith G. Haddaway, Ph.D. CUSTOMER NUMBER: 26694 46,180 REGISTRATION NUMBER #760697

40/583280 AP3 Rec'd PCT/PTO 1 6 JUN 2005

PTO/SB/17 (01-06)
Approved for use through 7/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE to a collection of information unless it displays a valid OMB control number.

| Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). FEE TRANSMITTAL For FY 2006 | | | Complete if Known | | | | | | |
|--|--------------|--------------------|------------------------|------------------|---------------------------------------|--------------------------|-----------------------|--------------------------|--|
| | | | | | Not Yet Assigned | | | | |
| | | | Filing Date | | Concurrently Herewith | | | | |
| | | | First Named In | ventor | Charles L. SAWYERS | | | | |
| | | | Examiner Name | | Not Yet Assigned | | | | |
| X Applicant claims small entity status. See 37 CFR 1.27 | | | Art Unit Not Yet Assig | | | ed | | | |
| TOTAL AMOUNT OF PAYMEN | т (| \$) 850.00 | | Attorney Docke | t No. | 58086-232451 | | | |
| METHOD OF PAYMENT (ch | ock all th | at anniv) | ., | | | | | | |
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| Check Credit Card | ш | oney Order | No | | (please iden | | | <u></u> | |
| Deposit Account Deposit Acc | | | - | ` | | Venable LLI | | | |
| For the above-identified | • | - | irector is | <u> </u> | • | | 4 & 41- | . Eller of for | |
| Charge fee(s) indic | | | | Charg | ge tee(s) in | dicated below, ex | cept for th | e filing fee | |
| Charge any addition fee(s) under 37 CF | R 1.16 a | nd 1.17 | | | t any overp | | | | |
| FEE CALCULATION (All the | | | | n filing or may | / be subje | ect to a surcha | rge.) | | |
| 1. BASIC FILING, SEARCH, AN | | | | ARCH FEES | EVARAU | MATION EEES | | | |
| | | FEES Small Entity | 5 ⊏ | Small Entity | | NATION FEES Small Entity | | | |
| Application Type Fe | e (\$) | Fee (\$) | Fee (\$ | | Fee (\$) | | Fees P | aid (\$) | |
| Utility 3 | 300 | 150 | 500 | 250 | 200 | 100 | | | |
| Design 2 | 200 | 100 | 100 | 50 | 130 | 65 | | | |
| Plant 2 | 200 | 100 | 300 | 150 | 160 | 80 | | | |
| Reissue 3 | 300 | 150 | 500 | 250 | 600 | 300 | | | |
| Provisional 2 | 200 | 100 | 0 | 0 | 0 | 0 | | | |
| 2. EXCESS CLAIM FEES | | | | | | | | Small Entity Fee (\$) | |
| Fee Description Each claim over 20 (including R | eicenec) | | | | | | <u>Fee (\$)</u> 50 | 25 | |
| Each independent claim over 3 (| , | Reissues) | | | | | 200 | 100 | |
| Multiple dependent claims | | 5 1 (0.000 0.00) | | | | | 360 | 180 | |
| Total Claims Extra Claim | ns Fe | ee (\$) | Fee l | Paid (\$) | M | ultiple Depende | nt Claims | | |
| 19 - 20 = | | = | | | - | | ee Paid (\$ | 1 | |
| HP = highest numer of total claims paid | for, if grea | iter than 20. | | | | | | _ | |
| Indep. Claims Extra Claim | s Fe | <u>ee (\$)</u> | | Paid (\$) | | | | | |
| 7 -3= 4 | × <u>10</u> | | | 0.00 | | | | | |
| HP = highest numer of independent cla | ims paid fo | r, if greater than | 3. | | | _ | | _ | |
| 3. APPLICATION SIZE FEE If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). | | | | | | | | | |
| | | | | | | of Fee (\$) | Fee F | Paid (\$) | |
| Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$) - 100 = /50 (round up to a whole number) x = | | | | | | | | | |
| 4. OTHER FEE(S) Fees Paid (\$) | | | | | | | | | |
| Non-English Specification, \$130 fee (no small entity discount) | | | | | | | | | |
| Other (e.g., late filing surcharge): 2631 Basic National Stage fee 2642 National Stage Search Fee - search report | | | | | 150.00 200.00 | | | | |
| 2633 National Stage Examination Fee - all other 100.00 | | | | | | | | | |
| SUBMITTED BY O I II I | | | | | | | | | |
| Signature Signature | 10/10 | 1/4 | 26,924 | Registration No. | 46,180 | Telephone | (202) 344 | 1-4000 | |
| 1,1000 | loues: 5 | | -5 (4 | (Attorney/Agent) | 10,100 | | <u> </u> | | |
| Name (Print/Type Keith G. Hado #760830 | away, F | TI.U. | | | | Date | June 16 | 2000 | |

10/583280 AP3 Rec'd PCT/PTO 1 6 JUN 2000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Charles L. SAWYERS et al.

Appl. No.: Not Yet Assigned

Art Unit: Not Yet Assigned

Confirmation No.: Not Yet Assigned

Filed: Concurrently Herewith

For: METHODS AND MATERIALS

FOR ASSESSING PROSTATE

CANCER THERAPIES

International Application No.:

PCT/US2004/042221

International Filing Date:

December 16, 2004

Examiner: Not Yet Assigned

Atty. Docket No.: 58086-232451

Customer No.

26694

Submission Of Formal Drawings

Commissioner of Patents P. O. Box 1450 Alexandria, VA 22313-1450

Sir:

Submitted herewith are Two (2) sheets of formal drawings containing Figures 1-2.

Date: 6/14/06

Respectfully submitted,

Keith G. Haddaway, Ph.D. Registration No. 46,180

long Reg # 26,924

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